

FIGURE 1



TITLE: NOVEL POWER ON RESET CIRCUIT FOR A MICROCONTROLLER INVENTOR(S): Harold Kutz and Warren Snyder USSN: 09/887,955

ATTORNEY DOCKET #: CYPR-CD00197

2/7

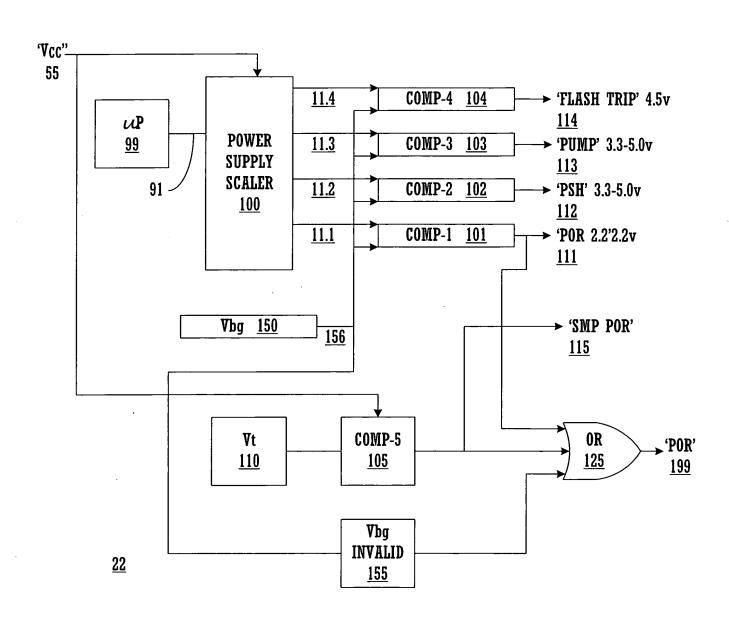


FIGURE 2



TITLE: NOVEL POWER ON RESET CIRCUIT FOR A MICROCONTROLLER INVENTOR(S): Harold Kutz and Warren Snyder USSN: 09/887,955 ATTORNEY DOCKET #: CYPR-CD00197

3/7

<u>300</u>

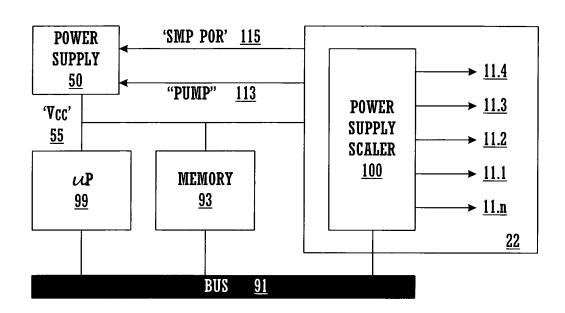


FIGURE 3



TITLE: NOVEL POWER ON RESET CIRCUIT FOR A MICROCONTROLLER INVENTOR(S): Harold Kutz and Warren Snyder USSN: 09/887,955 ATTORNEY DOCKET #: CYPR-CD00197

4/7

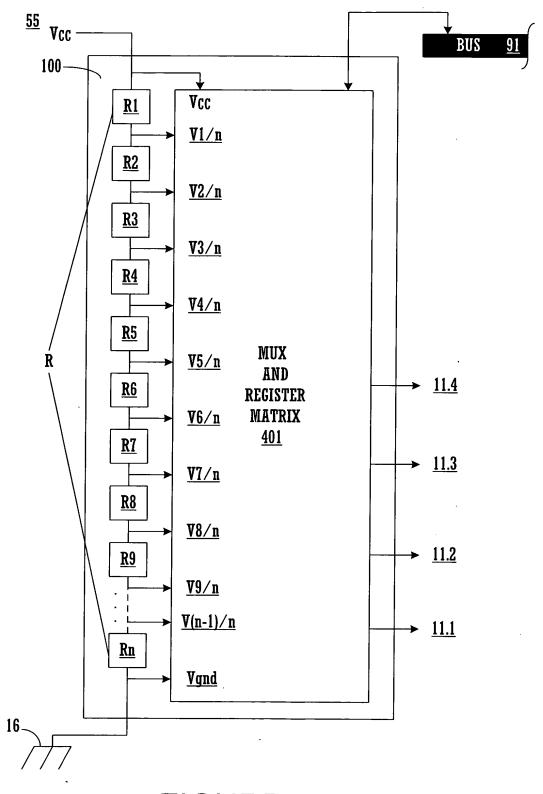


FIGURE 4

TITLE: METHOD AND APPARATUS FOR VISUAL SILENT ALARM INDICATOR INVENTOR(S): Michael Cortopassi, Eric Fuhs, Wayne Hile, Thomas Robinson, Edward Endejan USSN: 09/607,894 Attorney Docket #: PALM-2934.SG

JAN 1 8 2005 &

5/7

<u>500</u>

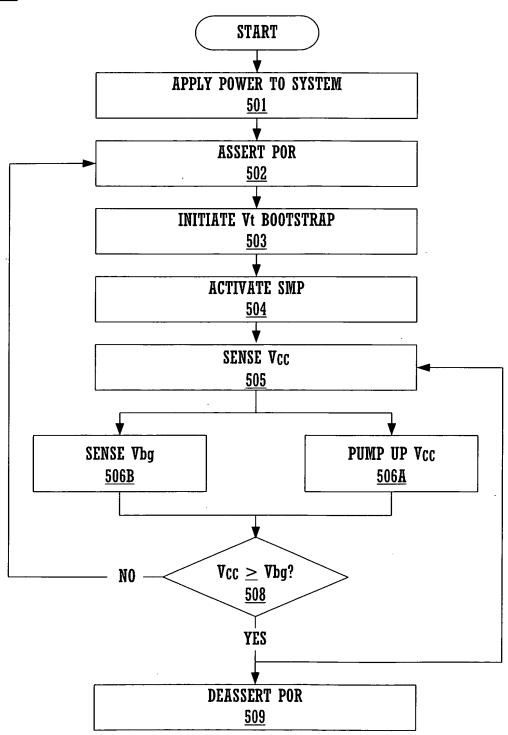


FIGURE 5

TITLE: METHOD AND APPARATUS FOR VISUAL SILENT ALARM INDICATOR INVENTOR(S): Michael Cortopassi, Eric Fuhs, Wayne Hile, Thomas Robinson, Edward Endejan USSN: 09/607,894 Attorney Docket #: PALM-2934.SG 6/7 600 START COMMENCE POWER-UP **SEQUENCE** 601 SENSE VCC SENSE Vbg **GENERATE Vt** <u>609</u> 602 611 SENSE Vt Vbg VALID? 603 YES <u>610</u> COMPARE Vcc & Vbg COMPARE Vt AND Vcc 612 NO 604 VCC/Vbg **COMPARISON** N0 Vt > Vcc? FAVORABLE? NO 605 613 DEASSERT 'SMP POR' YES YES 606 ASSERT 'SMP POR' ASSERT 'POR' DEASSERT 'POR' 614 607 616 ALLOW SYSTEM POWER DRIVE SMP PUMP 0/P UP KEEP SYSTEM IN 'RESET' **OUT OF RESET** 608 <u>615</u> 617

FIGURE 6



7/7

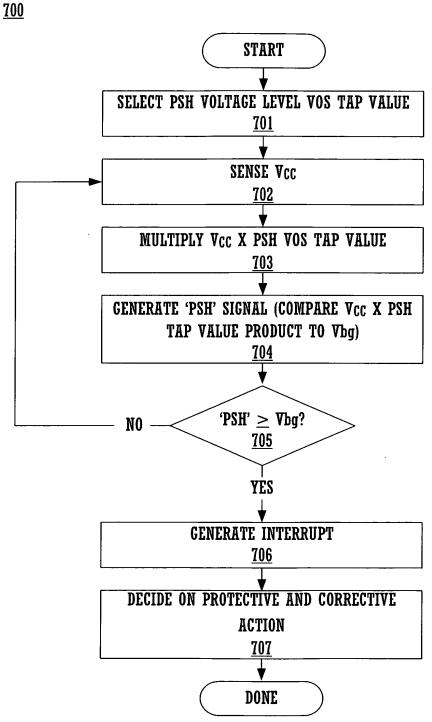


FIGURE 7